

COMPUTER INFORMATION SYSTEMS

THE PROGRAM

The Computer Information Systems program at South Plains College emphasizes technology and information systems as they apply in any workplace and trains students to enter the high-demand technology job markets as networking specialists, PC technicians, web design specialists, cyber security specialists and programmers. Graduates of our program have found jobs in educational institutions, government and civic organizations, finance, law enforcement and industrial and business-related companies. An advisory committee of industry leaders help faculty keep the programs up-to-date so that graduates leave the program with the skills and knowledge expected in today's workplace. Many of the classes are offered online, and traditional classes are offered on the Levelland Campus, the Reese Center and the Bryon Martin Advanced Technology Center. Whatever your needs, there are CIS courses that will work with your schedule and your goals.

ASSOCIATE DEGREES AND CERTIFICATE OPTIONS

The Computer Information Systems program provides students with one associate degree and four certificate options. Depending on what path our majors want to follow, they can expect their degree plan to include:

- *Personal Computing Hardware*
- *Fundamentals of Networking Technology*
- *Beginning Web Programming*
- *Introduction to Computer Programming*
- *Implementing and Supporting Servers*
- *Networking Hardware*
- *Virtualization*
- *Advanced Web Programming*
- *Web Authoring*
- *Advanced Spreadsheets*
- *Advanced Database*
- *Operating System Security*
- *Information Technology Security*
- *Intrusion Detection*
- *Computer System Forensics*
- *Network Defense and Countermeasures*
- *Client Operating Systems*

ASSOCIATE OF APPLIED SCIENCE

This is a two-year degree that consist of 60 semester hours. Students will take a range of technology courses from each of the disciplines (networking, programming, cyber security) as well as general education courses that will provide the students with broad-based skills and knowledge.

CIS TECHNICIAN CERTIFICATE

This certificate program is designed to prepare students for entry-level positions in the computer technology industry. Students will receive instruction in industry-standard computer applications, application of digital forensic science, set-up and management of personal computer operating systems, personal computer assembly and configuration, networking technology and implementation, and network security. To qualify for the Certificate of Proficiency, the student must complete a Capstone Experience in the final semester of the program. This is a TSI-waived certificate.

PROGRAMMING CERTIFICATE

This one-year curriculum in Programming Certification is designed to train students to use current software development techniques to program web sites, applications, and databases. Students who satisfactorily complete the curriculum will receive a Certificate of Proficiency. Students working toward this certificate must complete courses with a grade of "C" or better and must complete a Capstone Experience in the final semester of the program. This is a TSI-waived certificate.

NETWORKING CERTIFICATE

Networking Certification is a one-year curriculum designed to train students to use current network operating systems, network applications and network related hardware. In addition, network design, administration, installations and maintenance will be emphasized. Students who satisfactorily complete the curriculum will receive a Certificate of Proficiency. Students working toward this certificate must complete courses with a grade of "C" or better and must complete a Capstone Experience in the final semester of the program. This is a TSI-waived certificate.



CYBER SECURITY

Cyber Security is a one-year curriculum designed to provide students with a firm foundation of knowledge and training in order to analyze and protect computers, networks, software and data from unauthorized access or attack. Topics will include operating systems, network security, malware, hacking, computer forensics, intrusion detection, social engineering, and security management. The courses can also be applied to the A.A.S. degree in Computer Information Systems. Graduates of this certificate can expect skills applicable in private industry, government, and law enforcement, the military, health services and academia. This is a TSI-waved certificate.

TRANSFERRING TO A UNIVERSITY

The CIS program at South Plains College has articulation agreements with many are universities. For more information on transfer options, please speak with a CIS advisor.

FOR MORE INFO:

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Prospective Students: You may view SPC's Annual Security Report and Fire Safety Report online at https://myspc.southplainscollege.edu/ICS/Safety_and_Health/Annual_Security_Report.jnz. Printed copies are available upon request from the Vice President of Student Affairs, 806.716.2360. This contact information should only be used to obtain these reports.

South Plains College does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs and activities. The following person has been designated to handle inquiries regarding the non-discrimination policies: Vice President for Student Affairs • South Plains College • 1401 College Avenue, Box 5 • Levelland, TX 79336 • 806.716.2360